

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Takahiko ISHIGURO, et al.

Appln. No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: July 16, 2001

For: NOVEL GENOME ANALYZING METHOD

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

**Please enter the following amended claims:**

5. (Amended) The method according to claim 3, wherein said detection of whether or not DNA or RNA is amplified is carried out by a method comprising:

carrying out the amplification in the presence of an oligonucleotide probe which can specifically bind to the DNA or RNA formed by the amplification and is labeled with an intercalating fluorescence dye, provided that said oligonucleotide is a sequence which does not form complementary bonding with any one of the aforementioned oligonucleotides, and measuring the change in a fluorescence characteristic of the reaction solution.

7. (Amended) A method for determining the gene expression region in an arbitrary region on a genome or the entire genome, which comprises repeatedly carrying out the method of claim 1.

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